

FIG. 1

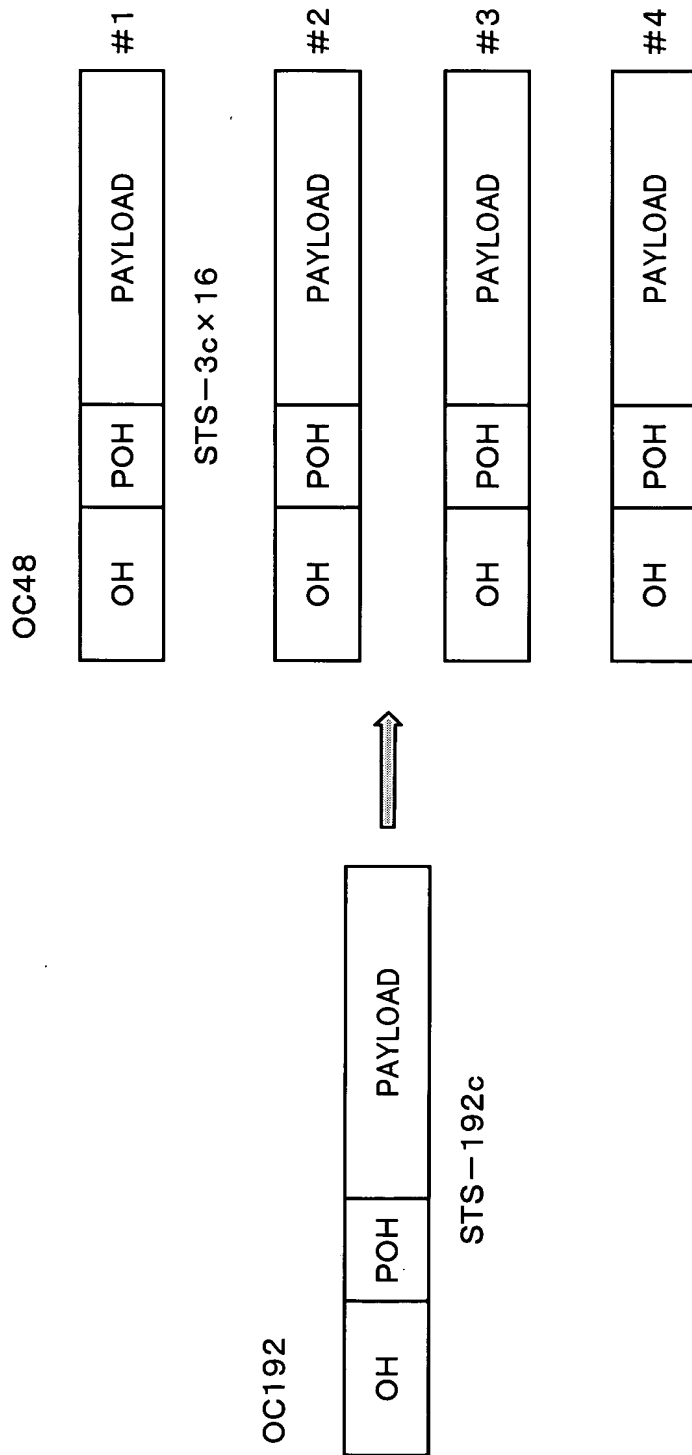


FIG. 2

0985258-063101
TOTAL: 89253860

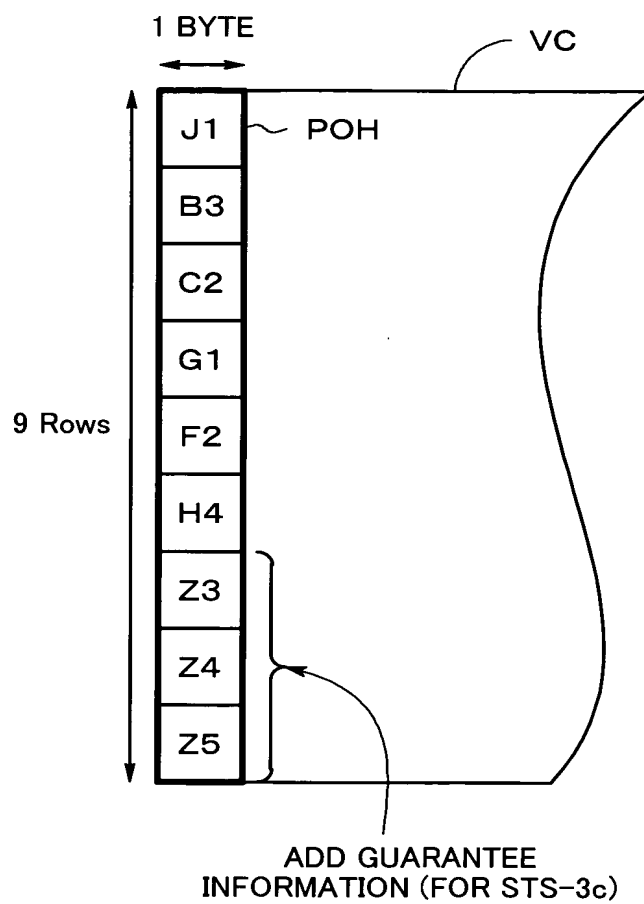


FIG. 3

GUARANTEE INFORMATION

NAME	BYTE USED	BIT USED	CONTENTS
CONCATENATION INFORMATION	Z3	BITS 5-8	INFORMATION REGARDING A CONCATENATION SIGNAL BEFORE DIVISION 0:STS-3c, 1:STS-12c, 2:STS-48c, 3:STS-192c, 4:STS-768c
FRAME INFORMATION	Z4	BITS 1-8	FRAME NUMBER BEFORE DIVISION UP TO 256 FRAME NUMBERS (0-255)
BLOCK INFORMATION	Z5	BITS 1-8	SERIAL NUMBERS ADDED TO DIVIDED PIECES OF DATA IN ORDER OF DIVISION

FIG. 4

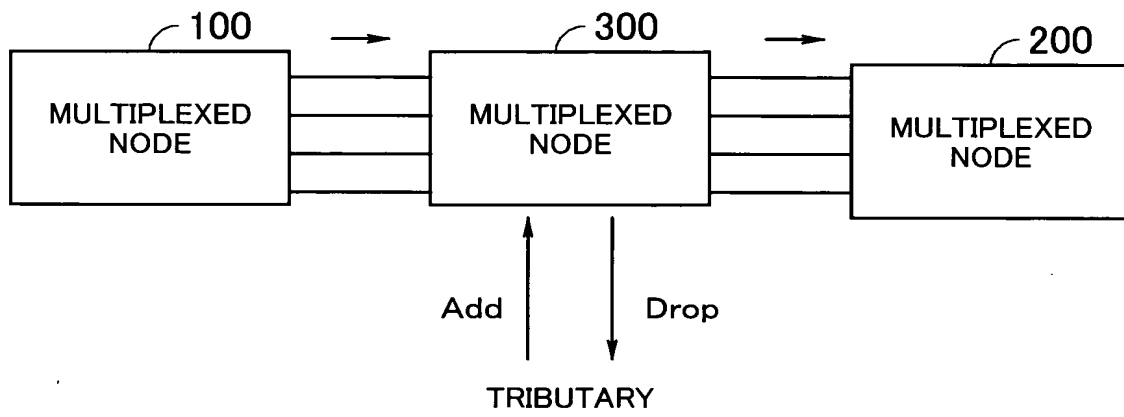


FIG. 5

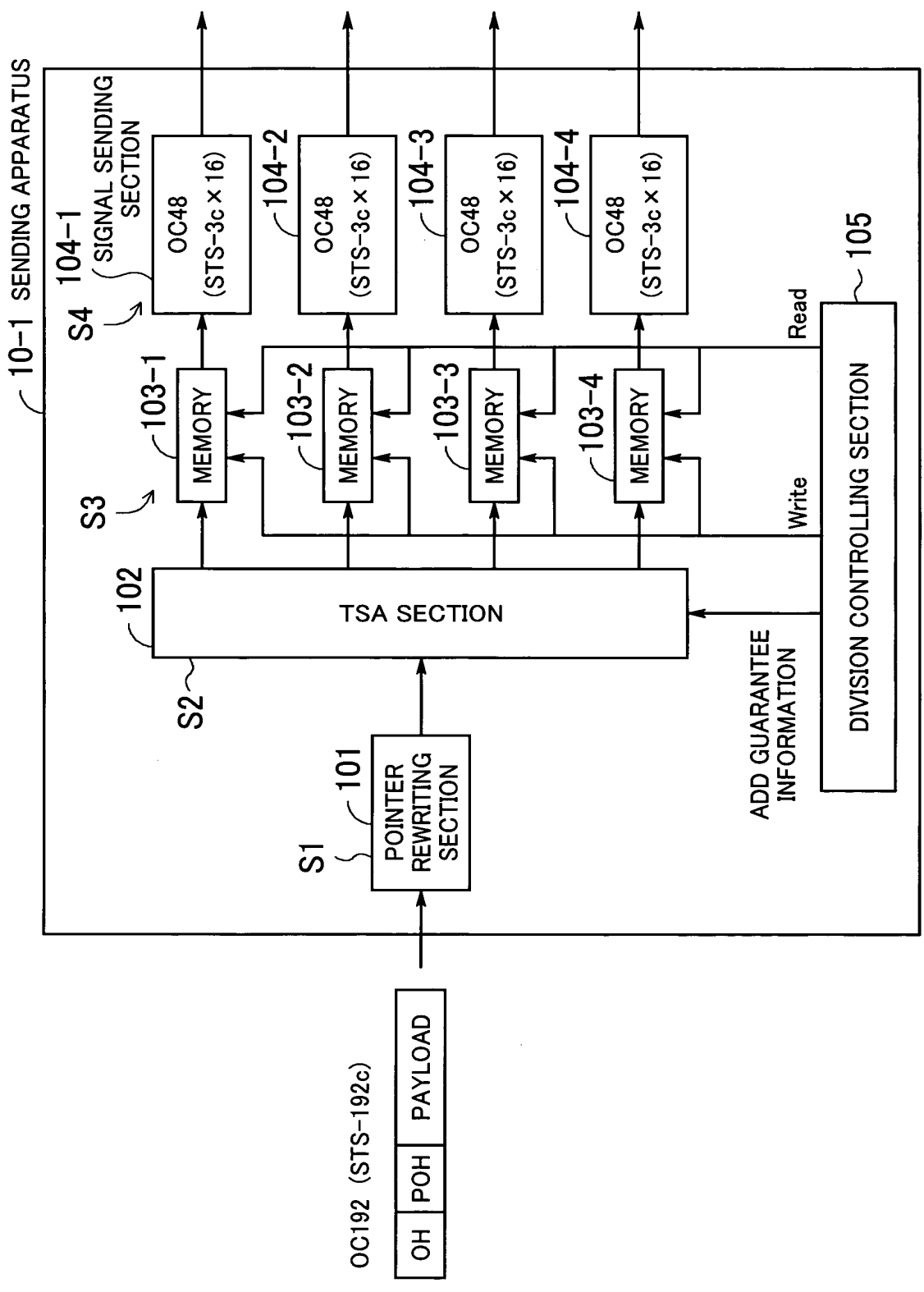


FIG. 6

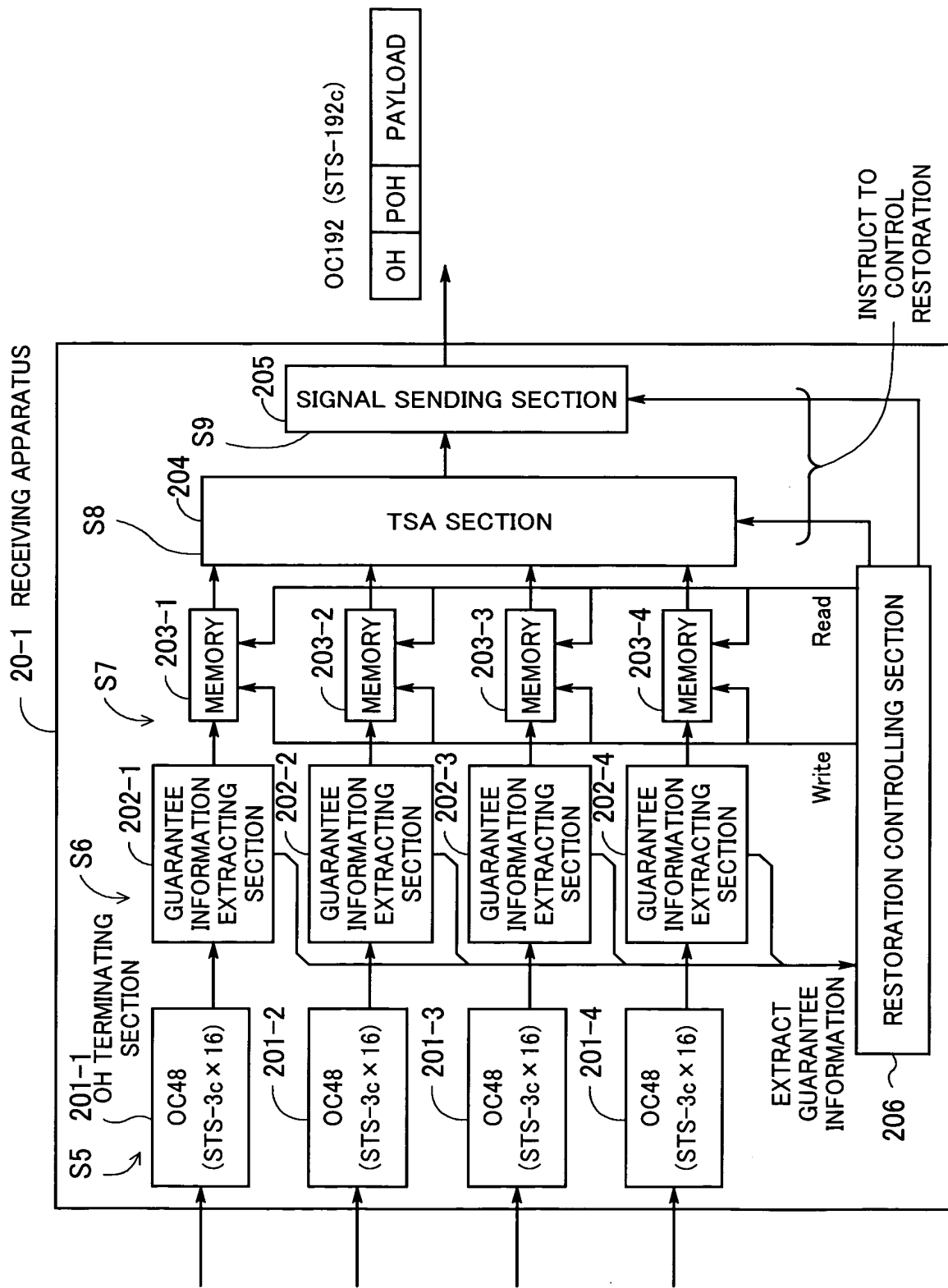


FIG. 7

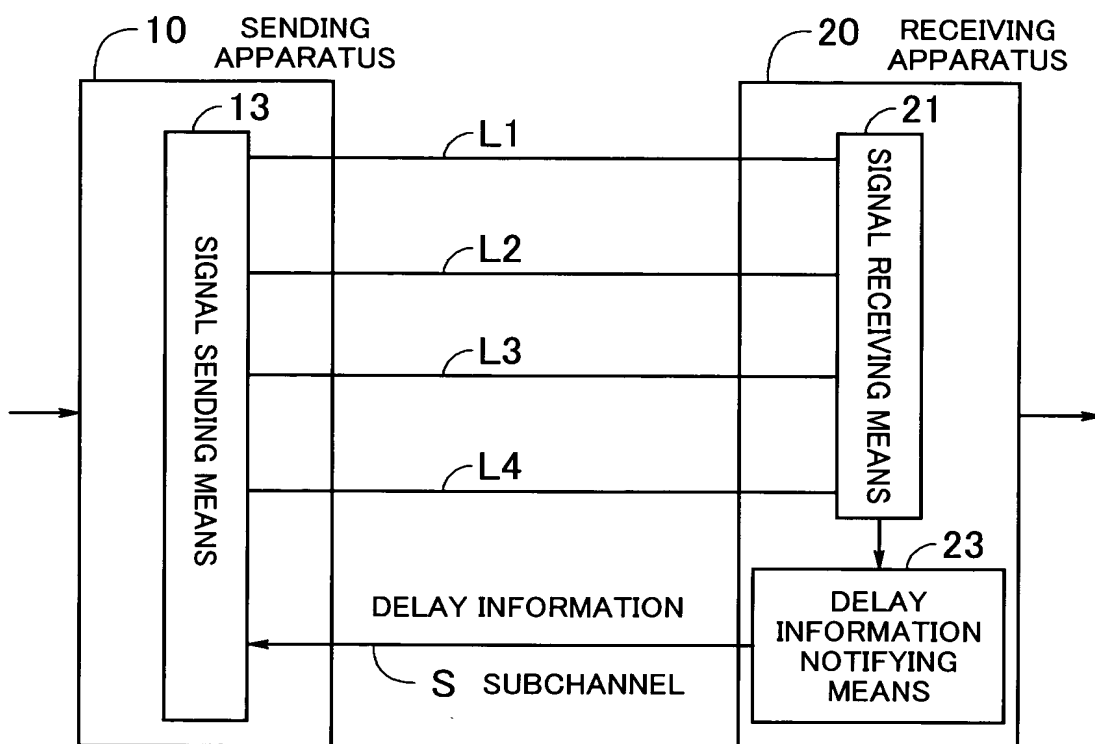


FIG. 8

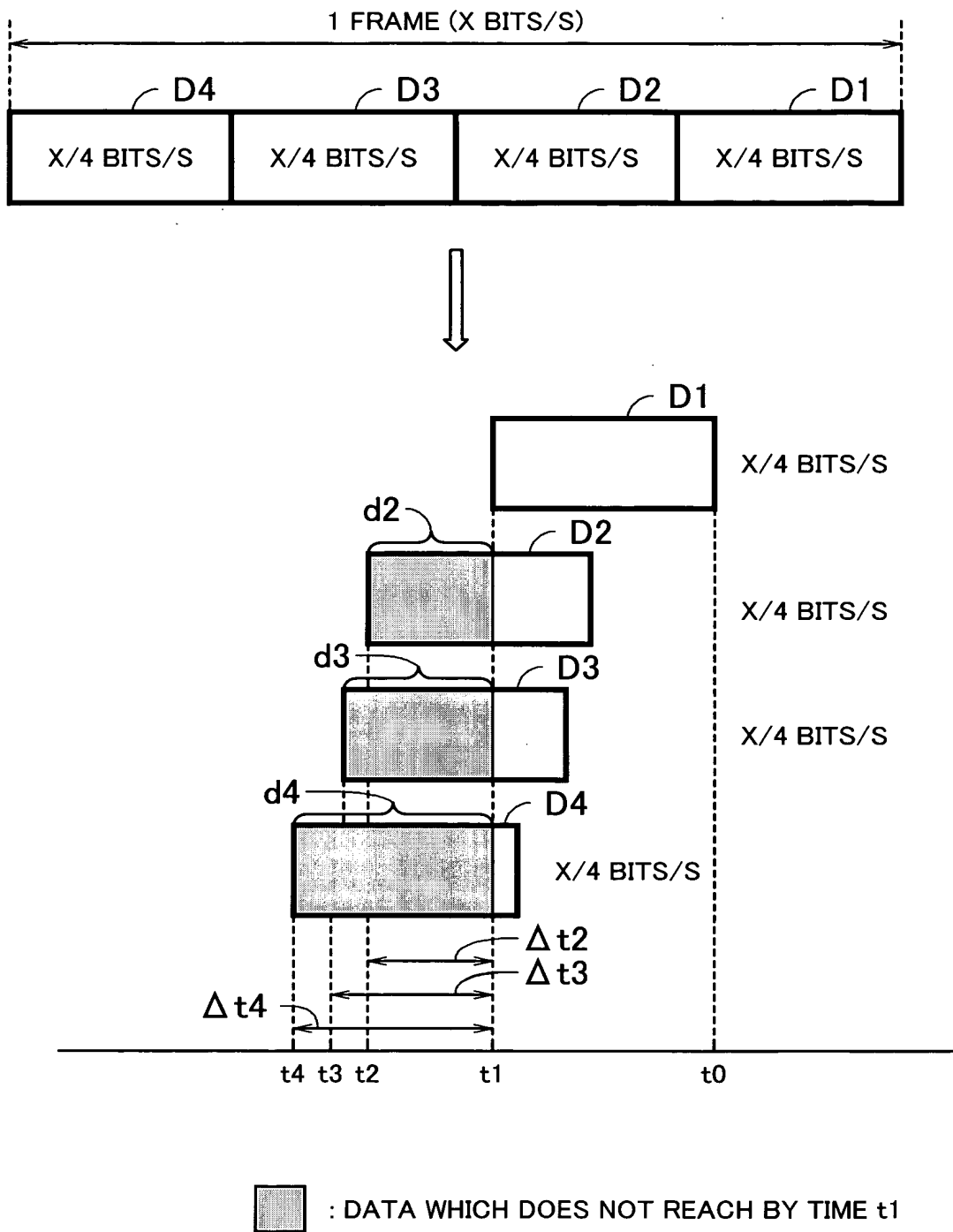


FIG. 9

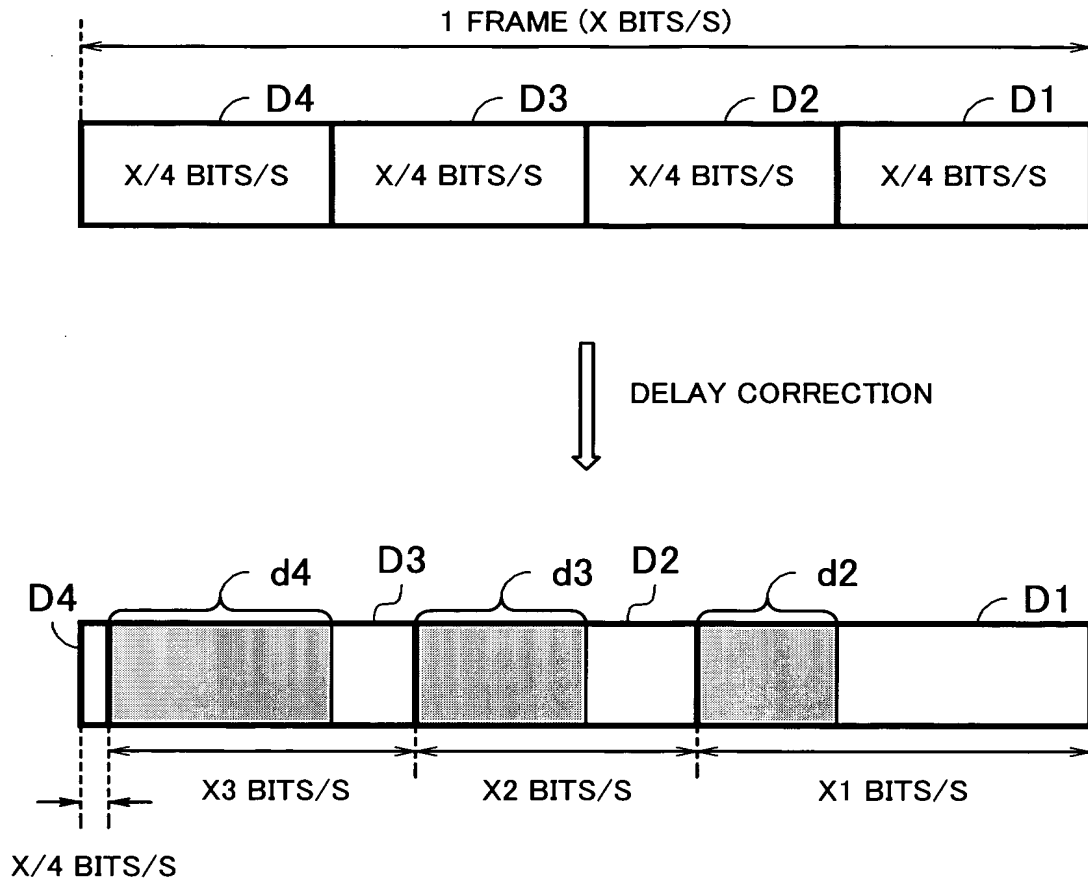


FIG. 10

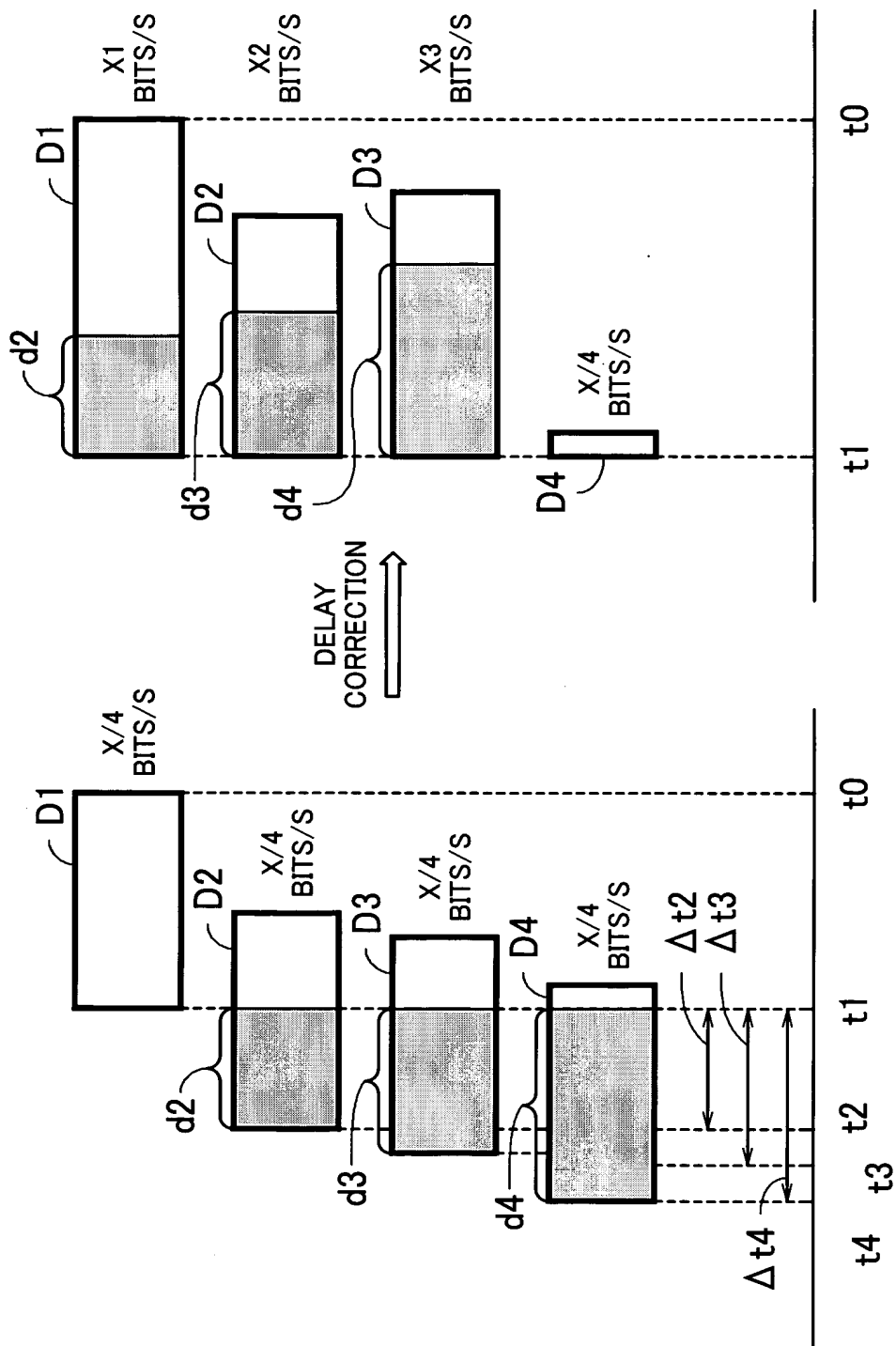


FIG. 11

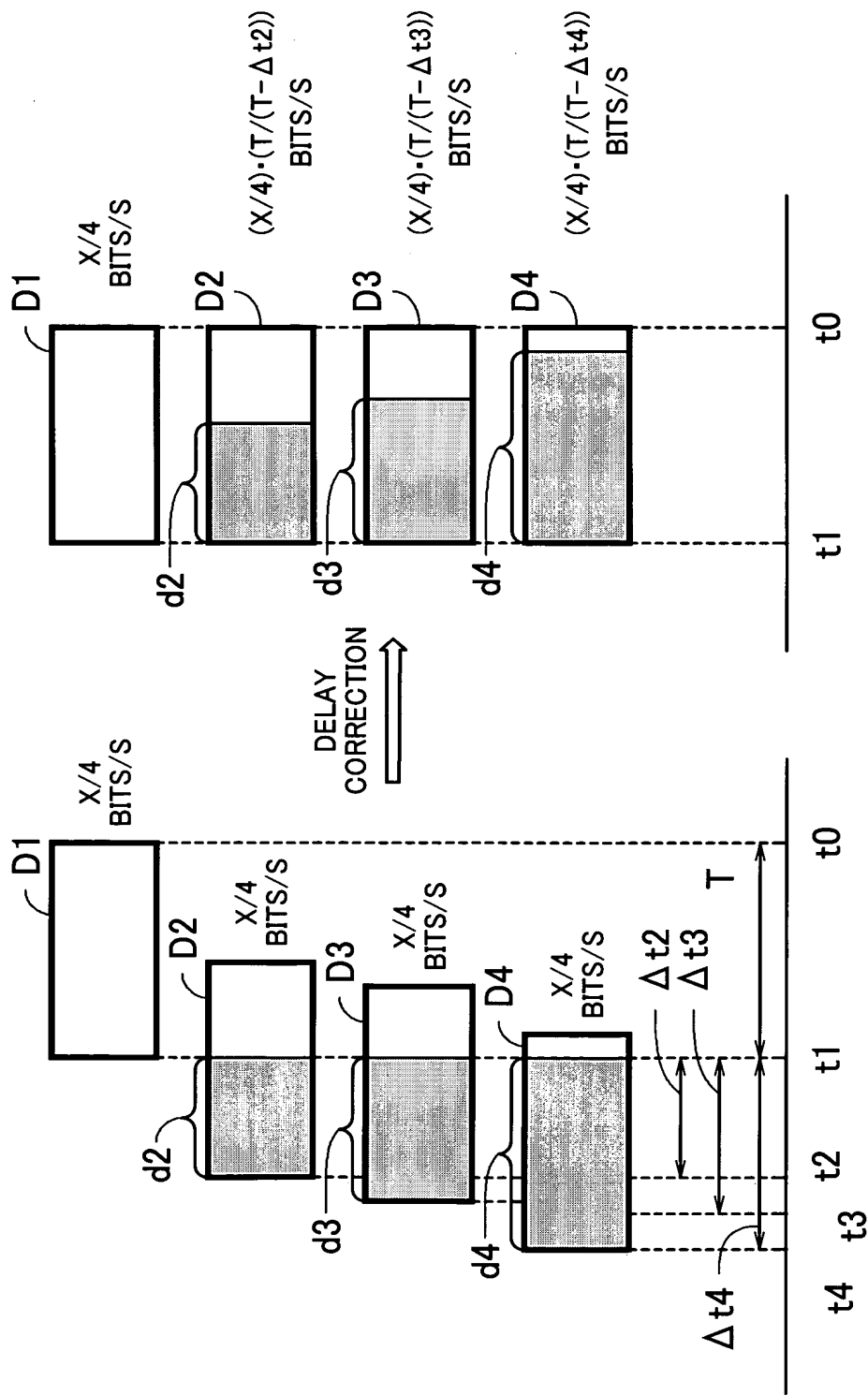


FIG. 12

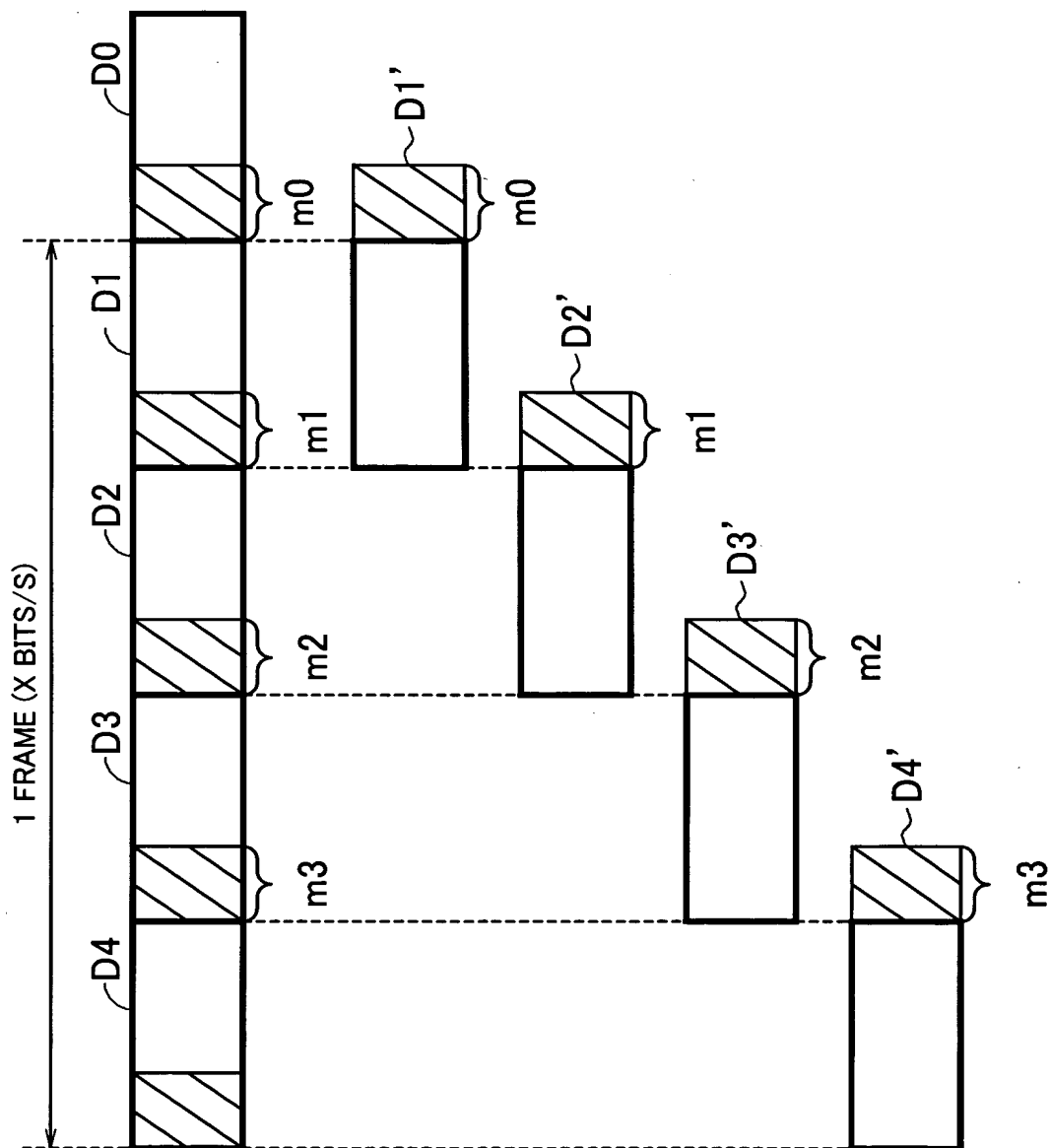


FIG. 13

FIG. 14

1a TRANSMISSION SYSTEM

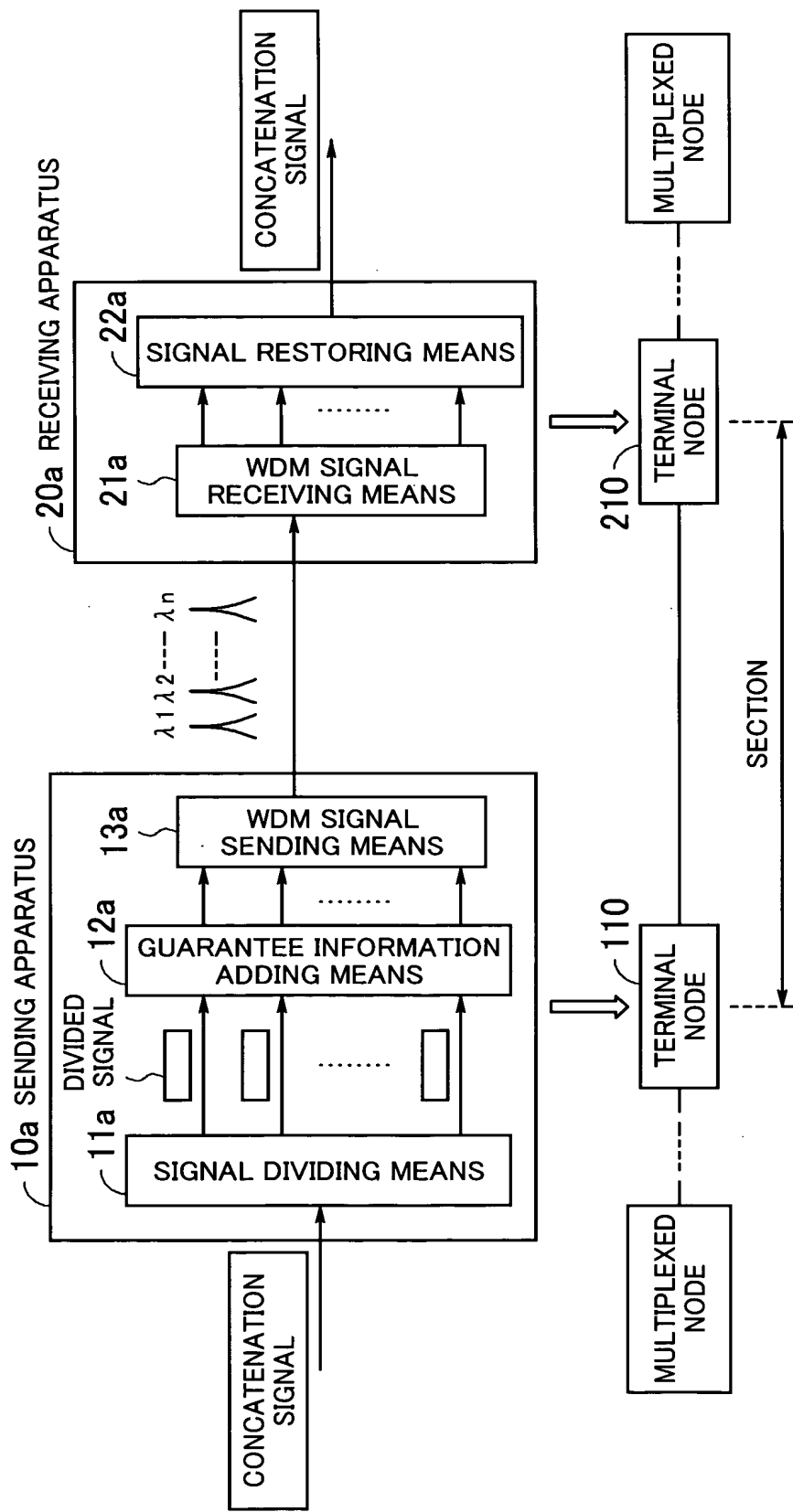


FIG. 15

THE

SOH	A1	A1	A1	A2	A2	A2	C1	C1	C1
	B1	X	X	E1	X	X	F1	X	X
	D1	X	X	D2	X	X	D3	X	X
LOH	H1 (CH1)	H1 (CH2)	H1 (CH3)	H2 (CH1)	H2 (CH2)	H2 (CH3)	H3	H3	H3
	B2	B2	B2	K1	X	X	K2	X	X
	D4	X	X	D5	X	X	D6	X	X
	D7	X	X	D3	X	X	D9	X	X
	D10	X	X	D11	X	X	D12	X	X
	Z1	Z1	Z1	Z2	Z2	Z2	E2	X	X



FIG. 16

GUARANTEE INFORMATION

NAME	BYTE USED	BIT USED	CONTENTS
CONCATENATION INFORMATION	C1 #2	BITS 1-4	INFORMATION REGARDING A CONCATENATION SIGNAL BEFORE DIVISION 0:STS-3c, 1:STS-12c, 2:STS-48c, 3:STS-192c, 4:STS-768c
FRAME INFORMATION	C1 #2	BITS 5-8	FRAME NUMBER BEFORE DIVISION UP TO 16 FRAME NUMBERS (0-15)
BLOCK INFORMATION	C1 #3	BITS 1-8	SERIAL NUMBER ADDED TO A DIVIDED PIECE OF DATA IN ORDER OF DIVISION ACCORDING TO WAVELENGTHS, UP TO 256 NUMBERS (0-255)

FIG. 17

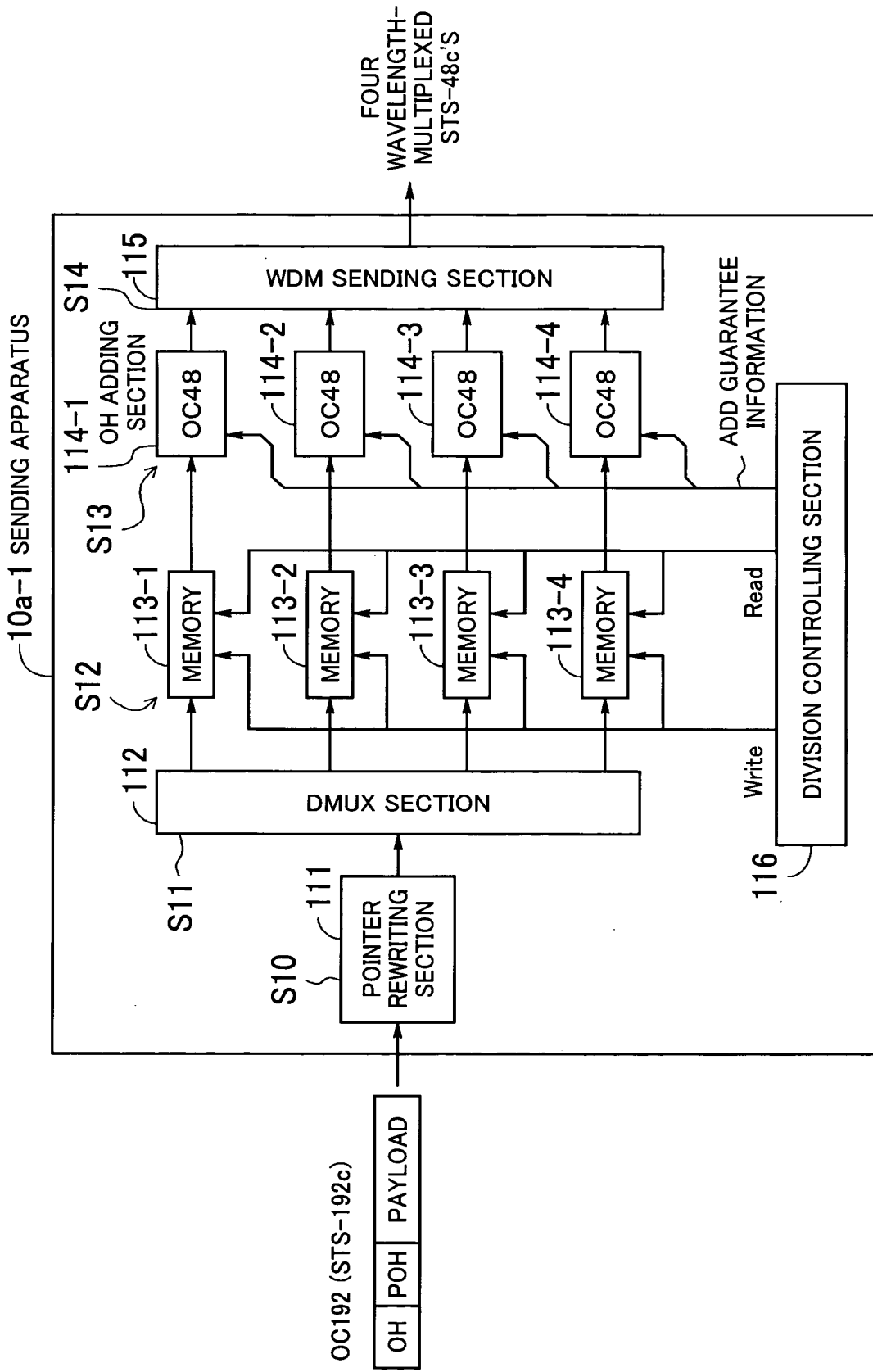


FIG. 18

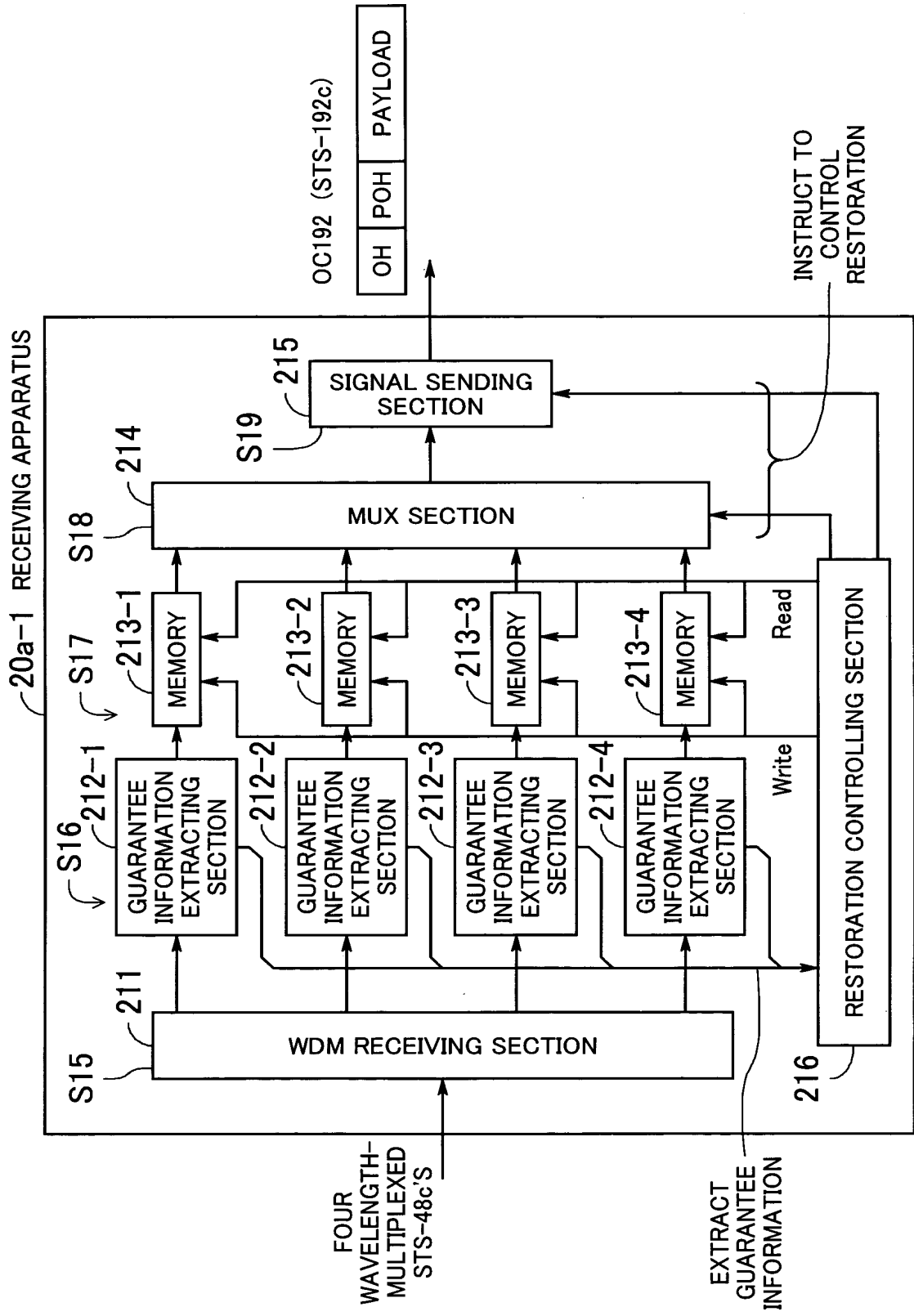


FIG. 19

09885258-052104

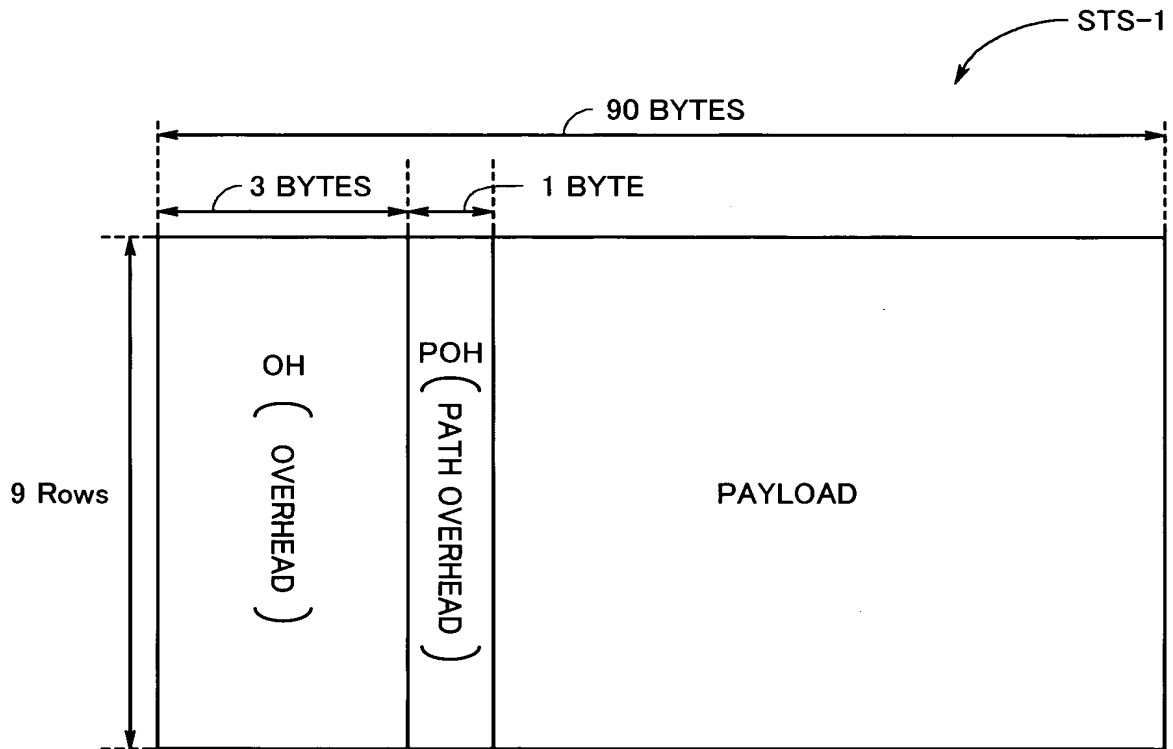


FIG. 20
PRIOR ART

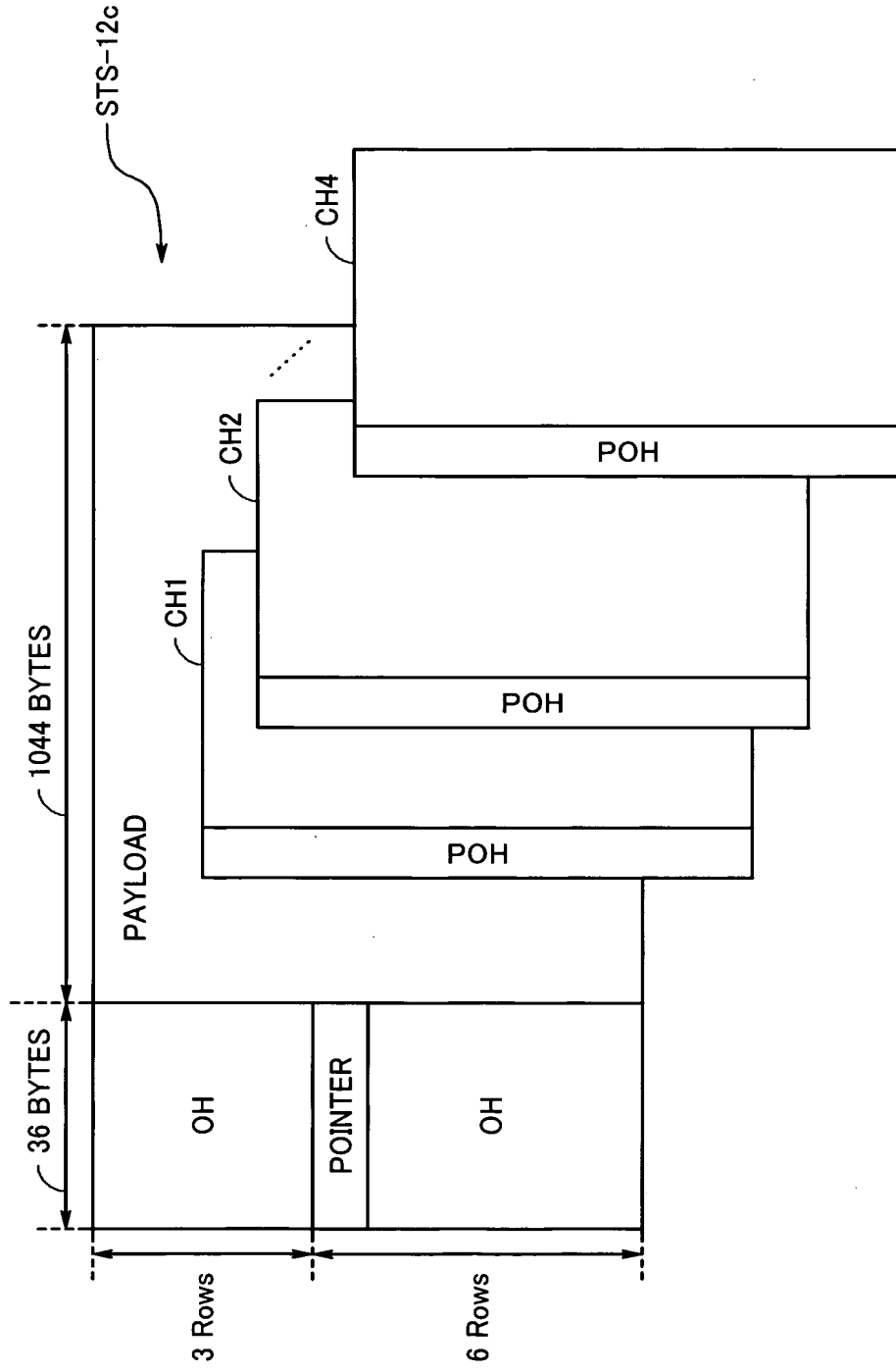


FIG. 21
PRIOR ART